

KOVAL'EV, A.P., inzh.; KAMIVETS, A.P., inzh.; LITVINOV, L.Ya., inzh.;  
MIKHAYLETS, L.Ya., inzh.

Causes for the failure of anchor bolting. Shakht.stroi.  
4 no.9:20-23 8 '60. (MIRA 13:8)

1. Nauchno-issledovatel'skiy geologo-rasvedochnyy institut.  
(Mine roof bolting)

KOVAL'EV, A.F.; DODZHANSKIY, N.Ye.; MANIVETS, A.P.; LITVINOV, V.Ya.

Initial practice of using rod bolting in drill drifts in the  
"Gigant" Mine. Sbor. nauch. trud. NIGRI no.7:8-10 '60.  
(MIRA 14:12)  
(Krivoy Rog basin—Mine roof bolting)

KOVALEV, A.F., kand.tekhn.nauk; KANIVETS, A.P., inzh.; MIKHAYLETS, L.Ya.,  
inzh.; SHVETS, M.M., inzh.

Reinforced concrete rod bolting in the Krivoy Rog Basin mines.  
Shakht.stroi. 5 no.12:16-18 D '61. (MIRA 14:12)

1. Nauchno-issledovatel'skiy gornorudnyy institut.  
(Krivoy Rog Basin--Mine roof bolting)  
(Reinforced concrete construction)

KOVALEV, A.F., kand.tekhn.nauk; KANIVETS, A.P., inzh.; MIKHAYLETS, L.Ya.,  
inzh.; SHVETS, M.M., inzh.

Use of roof bolting in the Krivoy Rog Basin. Met. i gornorud.  
(MIRA 15:9)  
prom. no.3:53-58 My-Je '62.

1. Nauchno-issledovatel'skiy gornorudnyy institut.  
(Krivoy. Rog Basin--Mine roof bolting)

KANIVETS, G.A.

DKZ-57 beet washer. Sakh.prom. 34 no. 9:44-46 S '60.  
(MIRA 13:9)

1. Karlovskiy mashinostroitel'nyy zavod.  
(Sugar industry—Equipment and supplies) (Sugar beets)

KANIVETS, G.O., [Kanivets', H.O.], inzh.-konstruktor

New KM3-61 system for sugar beet washing. Khar.prom.no.218-21  
Ap-Je '62. (MIRA 13;9)  
(Sugar manufacture—Equipment and supplies)

KNIVETS, I.D., Inzh.

Wear resistance of cultivator sweeps built-up with sormita.  
Mashinostroenie no. 4:92-99 Ju-Ag '65. (MIRA 18:8)

LOYKO, Anatoliy Mikhaylovich; KANIVETS, Ivan Danilovich [Kanivets', I.D.];  
KOVALENKO, Yuriy Gur'yevich [Kovalenko, I.U.H.]; OLEVIRENKO, G.A.  
[Olefirenko, H.A.], red.; GULENKO, O.I. [Hulenko, O.I.], tekhn. red.

[Over-all mechanization of corn growing] Kompleksnaa mekhanizatsiia  
vyroshchuvannia kukurudsy. Kyiv, Derzh. vyd-vo sel'skohospodars'koi  
lit-ry URSR, 1961. 248 p.  
(Corn(Maize)) (Agricultural machinery)

(MIRA 14:11)

KRECHUN, Yuriy Borisovich; KANIVETS, Ivan Danilovich, nauchnyy sotr.;  
ZADONTSEV, A.I., zasl. deyatel' nauki USSR, akademik, red.;  
LIVENSKAYA, O.I.[Livens'ka, O.I.], red.; GLUSHKO, G.I.  
[Glushko, H.I.], tekhn. red.

[Over-all mechanization of growing and harvesting] Kompleksno-mekhanizuvaty vyroshchuvannya ta zbyrannia kukurudzy. Dnipro-petrovs'k, Dnipropetrovs'ke knyzhkove vyd.-vo, 1961. 49 p.  
(MIRA 15:7)

1. Zaveduyushchiy otdelom mekhanizatsii Vsesoyuznogo nauchno-issledovatel'skogo instituta kukuruzy (for Krechun). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut kukuruzy (for Kanivets'). 3. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta kukuruzy i Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Zadontsev).  
(Ukraine—Corn (Maize))

PROKAPALO, I.S., kand. sel'khoz. nauk; TREGUBENKO, M.Ya.  
[Trehubenko, M.IA.], kand. sel'khoz. nauk; ARTYUKHOV,  
Y.K., kand. sel'khoz. nauk; KRYACHKO, P.G.[Kriachko,  
P.H.], st. nauchn. sotr.; MAKODZЕBA, I.O., kand. sel'-  
khoz. nauk; SIDENKO, I.O., kand. biol. nauk; SUSIDKO,  
P.I., kand. biol. nauk; REPIN, A.M.[Riepin, A.M.], kand.  
sel'khoz. nauk; LOGACHOV, M.I.[Lohachov, M.I.], kand.  
sel'khoz. nauk; OSTAPOV, V.I., kand. sel'khoz. nauk;  
ZAPOROZHCHENKO, O.L., kand. sel'kh.nauk; FLYAGIN, A.D.[Fliashin, A.D.],  
kand. ekon. nauk; KANIVETS', I.D., st. nauchn. sotr.;  
SKRIPNIK, P.S.[Skrypnyk, P.S.], red.; GULENKO, O.I.  
[Hulenko, O.I.], tekhn. red.

[Advanced practices in growing corn] Perekrovi metody vy-  
roshchuvannia kukurudzy. 2., perer. i dop. vyd. Kyiv,  
Derzhsil'hospvydav, UkrSSR, 1962. 231 p. (MIRA 17:1)

PROCESSES AND PROPERTIES INDEX

CR

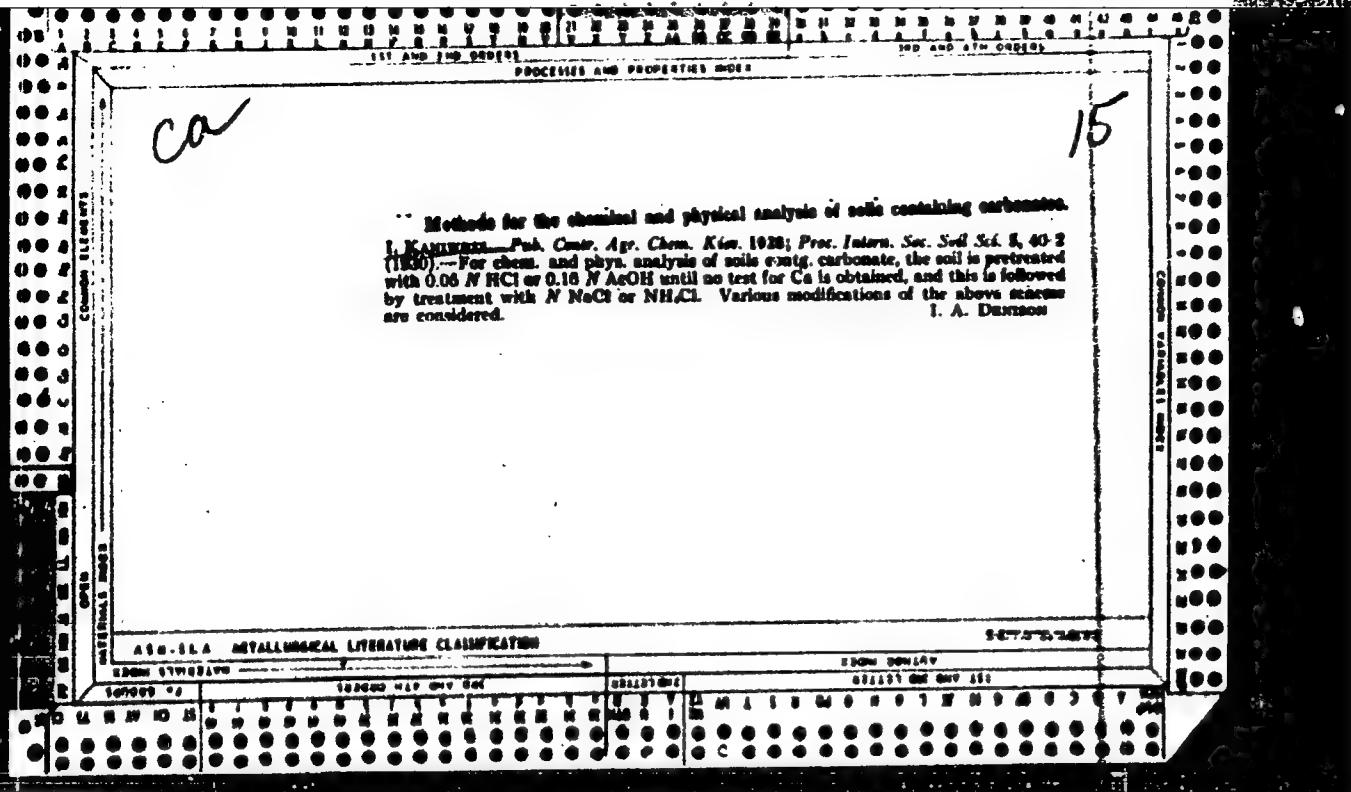
15

Determination of adsorbed bases in soils containing carbonates. I. KARWELL.  
*Rap. Contr. Agr. Kiev, 1936; Proc. Intern. Soc. Soil Sci. 1, 29-30 (1930).*—In determining adsorbed bases in soils containing carbonates the carbonates should be removed by treating the soil with water rather than with acid. Treatment with water had slight effect on the adsorption capacity of the soils studied. Treatment with acid markedly reduces the adsorption capacity.

J. A. D.

ALGOL-5A METALLURGICAL LITERATURE CLASSIFICATION

1948-1952



The stability of the base-exchange capacity in Chernozem and Solonetz soils. J. KANTVER. *Nauk. Zapiski Tadzhik. Fiz.-Tekhn. Inst.*, 11, 273-300 (1931).—An investigation on the base-exchange capacity of soils carried out at varying conditions of moisture content, application of  $\text{NaNO}_3$  and  $(\text{NH}_4)_2\text{SO}_4$ , and storing in the lab. did not reveal any particular changes in the soil base-exchange capacity. In the study or data of the dynamics of the base-exchange capacity in soils under field conditions or in wet samples, special attention has to be drawn to the inaccuracy of base exchange where general methods of removal are used. Storing of the soil in the lab. is quite possible when work is done with air-dry samples. Soil samples can be dried at  $20^\circ$ . Addit. of the  $\text{NaNO}_3$  and  $(\text{NH}_4)_2\text{SO}_4$  to the samples in the same proportion as applied in the fields brings some changes. The adsorbed Ca and dispersibility are partly decreased from the addit. of  $(\text{NH}_4)_2\text{SO}_4$  and the  $\text{K}^+$  decreases; water-sol. Ca and umata are slightly increased. The effect of  $\text{NaNO}_3$  is less noticeable. Only some Na increase is partly noticeable in the base-exchange complex. The biol. process which takes place does not influence the amt. of adsorbed bases and the base-exchange capacity, but causes decrease in dispersibility, increase in water-sol. Ca and partial acidification of soil soln. Moisture on the adsorbed bases caused no change in the amt. of Ca, but increased the amt. of Mg and alkali metals and the H-ion concn. With increase of the moisture up to 30, 60 and 80% of the total moisture-holding capacity there is noted a slight increase of the disperoidal particles and at 140% appreciable or slight decrease of the same. In detg. the base-exchange capacity and the adsorbed bases in moist samples it is necessary to shake the soil samples in min. and not just to wash the samples in funnel. V. E. BARKOV.

**ASB-SEA METALLURGICAL LITERATURE CLASSIFICATION**

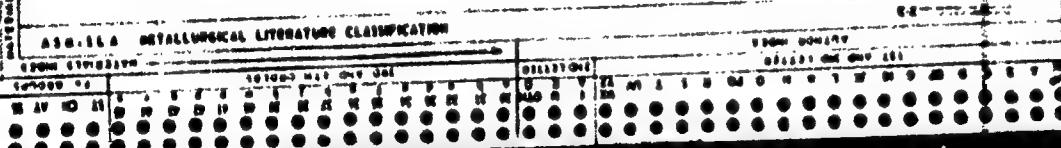
**APPROVED FOR RELEASE: 06/13/2000**

**CIA-RDP86-00513R000520410013-5"**

CA

15

Influence of tractors and other agricultural implements on physical and biochemical processes in soils. I.I. Manivitskii. Nauk. Zapiski Tsiukrovoi Prom. 13, no.2(1931).-On cultivated soils, along the traces of tractor wheels, there was an active growth of Azotobacter, an increased proportion of aggregate soil particles, greater vol.-wt., higher cogen. of electrolytes and  $H_2O$  content, an increase in nitrate and available (?) P contents and increased crop yields. Soil ground to pass a 0.25-mm. sieve, after storage for 40 days at 28-30° with 70 % of its moisture capacity, regains its original aggregate structure.

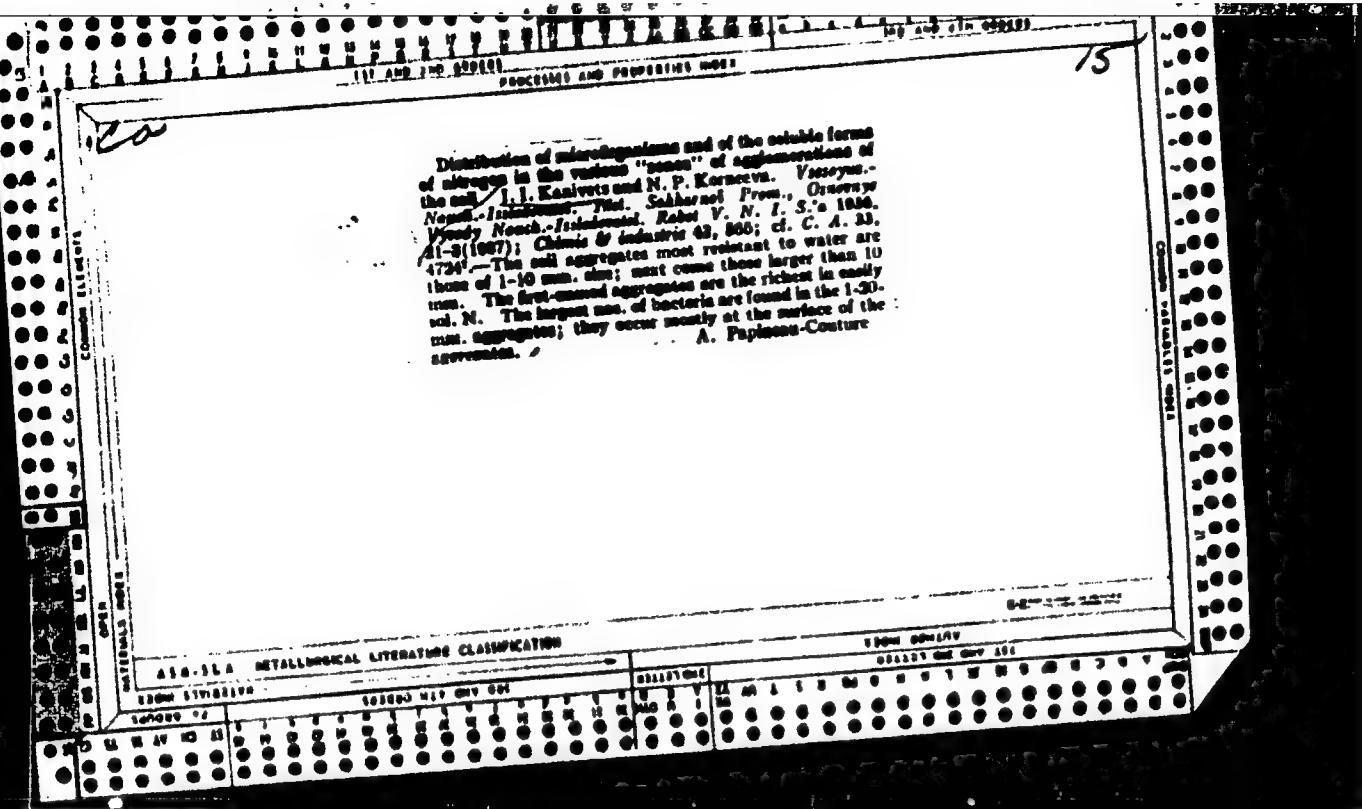


14  
Co  
Successive and successive tests  
  
Biochemical methods of structural formation of soil  
J. I. Kamnev, N. P. Kurnev and S. F. Moshchuk. *Izmer. Vysch. Issledovat. Redaktsiya Prom. Prosvet. Vsesoyuz. Nauch.-Issledovat. Rabot U.S.S.R.* 1936, No. 21 (1937). *Khimi & tekhnika* 42, No. 1, p. 17-1, 38, 47-50. — Tests on the improvement of the structure of soil by inoculation of microorganisms such as *Trichoderma lignorum* and *Aspergillus niger*. Both organisms

increased considerably, after composting, the quantity of soil aggregate resistant to the disintegrating action of water.  
A. Padineau-Couture

ASA-ISA METALLURGICAL LITERATURE CLASSIFICATION

1100-1199	1200-1299	1300-1399	1400-1499	1500-1599	1600-1699	1700-1799	1800-1899	1900-1999	2000-2099	2100-2199	2200-2299	2300-2399	2400-2499	2500-2599	2600-2699	2700-2799	2800-2899	2900-2999	3000-3099	3100-3199	3200-3299	3300-3399	3400-3499	3500-3599	3600-3699	3700-3799	3800-3899	3900-3999	4000-4099	4100-4199	4200-4299	4300-4399	4400-4499	4500-4599	4600-4699	4700-4799	4800-4899	4900-4999	5000-5099	5100-5199	5200-5299	5300-5399	5400-5499	5500-5599	5600-5699	5700-5799	5800-5899	5900-5999	6000-6099	6100-6199	6200-6299	6300-6399	6400-6499	6500-6599	6600-6699	6700-6799	6800-6899	6900-6999	7000-7099	7100-7199	7200-7299	7300-7399	7400-7499	7500-7599	7600-7699	7700-7799	7800-7899	7900-7999	8000-8099	8100-8199	8200-8299	8300-8399	8400-8499	8500-8599	8600-8699	8700-8799	8800-8899	8900-8999	9000-9099	9100-9199	9200-9299	9300-9399	9400-9499	9500-9599	9600-9699	9700-9799	9800-9899	9900-9999
1400-1499	1500-1599	1600-1699	1700-1799	1800-1899	1900-1999	2000-2099	2100-2199	2200-2299	2300-2399	2400-2499	2500-2599	2600-2699	2700-2799	2800-2899	2900-2999	3000-3099	3100-3199	3200-3299	3300-3399	3400-3499	3500-3599	3600-3699	3700-3799	3800-3899	3900-3999	4000-4099	4100-4199	4200-4299	4300-4399	4400-4499	4500-4599	4600-4699	4700-4799	4800-4899	4900-4999	5000-5099	5100-5199	5200-5299	5300-5399	5400-5499	5500-5599	5600-5699	5700-5799	5800-5899	5900-5999	6000-6099	6100-6199	6200-6299	6300-6399	6400-6499	6500-6599	6600-6699	6700-6799	6800-6899	6900-6999	7000-7099	7100-7199	7200-7299	7300-7399	7400-7499	7500-7599	7600-7699	7700-7799	7800-7899	7900-7999	8000-8099	8100-8199	8200-8299	8300-8399	8400-8499	8500-8599	8600-8699	8700-8799	8800-8899	8900-8999	9000-9099	9100-9199	9200-9299	9300-9399	9400-9499	9500-9599	9600-9699	9700-9799	9800-9899	9900-9999			



CO  
15

The effects of biochemical agents on the structure of soil. I. I. Kanivits and N. P. Korneva. *Pedology* (U. S. S. R.) No. 1958-51 (1957); *Chemic & Industrie* 61, 573.—Kapte, established the favorable effects of biohumus processes on the increase in the structural strength; e. g., soils contaminated with *Aerobacter* and with *Trichodermes* had a better texture at the end of the vegetative period with an increased content (3-8.8 times) of water-resistant constituents. After composting for a fortnight, the quantity of these elements had increased approx. fivefold in soil contaminated with *Trichodermes* Korneva. The addition of biohumus agents increases considerably the crop yield of beets. A. Prokof'ev-Chester

## ABD-16A METALLURGICAL LITERATURE CLASSIFICATION

S-27 AFTER THERM

SHOW EXHIBITION	103400 103400 103400	COLLECTION	BOOK LIBRARY
LAWSON 72			W 1 M 2 U 3 G 4 H 5 J 6 K 7 L 8 N 9 O 10 P 11 Q 12 R 13 S 14 T 15 V 16 W 17 X 18 Y 19 Z 20

The importance of artificial inoculation of the soil with microorganisms to increase its productivity. I. The influence of *Trichoderma lignorum* on biophysical and chemical processes in the soil and on the yield of sugar beets and winter wheat. I. I. Kaplyukh and N. P. Korneeva. *Virobiology* (U. S. S. R.), 7, 373-372 (1962).—Keratolytic improvement in the soil structure was attained by inoculation with *Trichoderma lignorum* with its enzyme, which was obtained directly or from manure, straw or sugar-beet slugs. The fungicidal value of the soil was increased 2.2-2.8 times and more; the amount of fungi (*Mucor*, *Penicillium*, etc.) in the soil was reduced. The sugar-beet yield was increased by 30-101 kg./ha.; their sugar content was increased by 0.3-1.0%. The yield of winter wheat was increased by 2.6-5.0%. The best results were obtained by inoculation with *Trichoderma lignorum* in combination with *Lactobacter* and *Aspergillus niger*. W. A. Stone

13

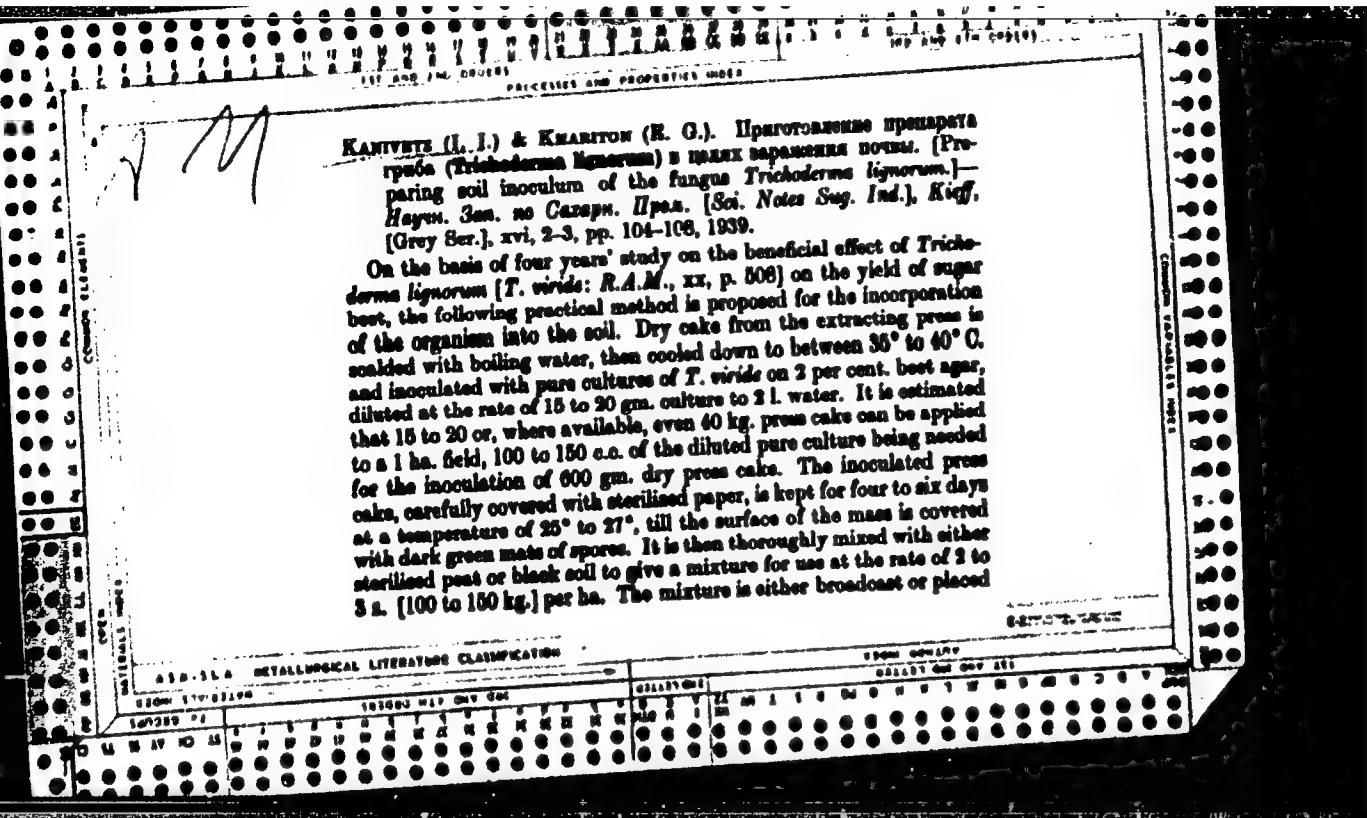
**APPROVED FOR RELEASE: 06/13/2000**

CIA-RDP86-00513R000520410013-5"

The role of the fungus *Trichoderma lignorum* in increasing the fertility of the soil and the yields of sugar beets, winter wheat and oats. J. I. Narinsya, Selsk. 10, No. 2, 29-32 (1931); Chem. Zentral., 1932, II, 429. Expts. continued over a 3-year period are described on the effect of this fungus on the structure of the soil, the improvement of its nutritive condition and the increase in the yields of the 3 crops. The enzyme of *Trichoderma lignorum* was itself found to be a powerful structure former in the soil; it produced an essential improvement in the soil structure even in a short time (58 days). The age of the fungus played an important role in this respect. The greatest effect was obtained with the enzyme obtained on the 10th day of growth of the fungus. Soil inoculated with the fungus contained larger amounts of nitrate and less NH<sub>3</sub> than uninoculated soil. The sugar beet yield was 47,000 kg. per ha. on the inoculated soil as against 40,700 on the uninoculated fields. Definitely larger crops of wheat and oats were also grown on the inoculated land.

M. G. Moore

APPENDIX METALLURGICAL LITERATURE CLASSIFICATION



204

in rows on the soil or on the manure spread over the soil, and ploughed under the same day or early next day.

Positive results were obtained in laboratory tests when seeds of oats or winter wheat were inoculated with water suspensions of press cake containing *T. viride* (10 to 20 gm. pure culture per l. water per ha.). prepared immediately before inoculation, or before sowing. Laboratory tests (and in the case of formalin field trials also) showed that *T. viride* survives treatment with various seed disinfectants such as preparation AB, Davidoff's, and Formalin.

In the case of winter crops the mixture containing the organism should be incorporated at a depth of 5 to 6 cm. in rows between the rows of seeds.

КАНИЧЕВ, І. І.. Роль грибів Trichoderma Циркон в пірочках системах Сахарної Степи, сонячній Пшениці, Осі, Лінолеум і Клевера в створенні почв з промкою структурою. [Role of the fungi *Trichoderma* Циркон and the root systems of Sugar Beet, winter Wheat, Oats, Linoleum, and Clover in the consolidation of soils.]—з Сборник науково-практических работ ВНИС, Гуцул. Наук. заг.-техн. Литер. УССР (Collection of scientific research papers of the Pan-Soviet Scientific Research Institute for the Sugar Beet Industry, State Publ. Off. Lit. coll. co-op. Png Ukraine), pp. 136–172, 3 дж., 1939.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520410013-5

KANIVETS, I. I.

(Trichoderma lignorum) Trichoderma lignorum Kiev Vtorain poligrafshkola R&U 1940.  
55 p.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520410013-5"

CA

IS

## processes and properties and

Increased yield of sugar beet, oats and lupine by soil infected with *Trichoderma lignorum*. I. I. Kanyts, K. G. Khavtsova and R. M. Tul'chinskaya. *Urologiya* (U. S. S. R.) 9, 143-81 (in English, 131-2) (1940); cf. *C. A.* 38, 4724; 7041; 39, 6748. Under strictly controlled exp'l. conditions an increase in nitrogen was found in the fungus-infected soil. Moisture retention was improved. Compared with controls the sugar beet yield was higher by 3-15%, according to the dose of fungus per ton applied (100 kg per 133 kg of soil). Each soil portion contained 61.2 g.  $K_2SO_4$ , 107.7 g.  $Ca(H_4N)_2$ , 112.5 g.  $Ca(NH_4)_2$ , 9.42 g.  $NaCl$  and 24.0 g.  $CaCO_3$ . The beet seeds were treated with  $KMnO_4$  before planting. The oat seeds were treated with  $HCOOH$  and planted in fungus-infected air-dry and "physically ripe" soil with and without fertilizer. The yield was 12-47% higher than in control, according to the humidity of the soil and the amt. of fungus and fertilizer at planting. The yield of lupine was greatest when the amt. of *Trichoderma* was 20.00 kg./ha. and the plowing depth was 25 cm. Soils of the soil with the fungus strengthen the compactness of the soil. The fungus survives well throughout the season. A great amt.

of arthomycetes had developed also in the infected soil by autumn.

ASML-1A METALLURGICAL LITERATURE CLASSIFICATION

8.4.1-2-1-14

KANIVETS, I. I.

35350. Velikiy Stalinskij Plan Preobrazovaniya Prirody I Vofrozy Peredelki Pockv  
Moldavskoy SSR. Nauch. Zapiski Moldav. Nauch.-Issled. Dazy Akad. Nauk SSSR,  
T. 11, 1949, s. 3-35.--Bibliogr: 9 NAZV

SO: Letopis' Zhurnal'nykh Statey Vol. 34, Moskva, 1.49

KANIYETS, I. E.

35351. Rol' Sovetskogo Pochvovedeniya V Razvitii Mirovoy Nauki O Pochve. ( Doklad Na Teoret. Konferentsii Moldav. Nauch.-Issled. Dazy Akad. Nauk SSSR.) Nauch. zapiski Moldav. Nauch.-Issled. Dazy. Akad. Nauk. SSSR, T. 11, 1949, S. 9-39.-- Bibliogr: 11, MAZV.

SO: Letopis' Zhurnal'nykh Statey Vol. 34, Moscow, 1949

1. KANIVETS, I. .

2. USSR (600)

7. "The Interlinking of Biological Processes in the Microzones of the Root Systems of Plants in Connection with Soil Depletion Phenomena. (Report to the All-Union Conference on Agricultural Microbiology)", Nauchnyye Zapiski Moldavskogo Filiala Akad. Nauk SSSR (Scientific Notes of the Moldavia Affiliate, Acad Sci USSR), Vol 3, 1950, pp 3-15.

9. Mikrobiologiya, Vol XXI, Issue 1, Moscow, Jan-Feb 1952, pp 121-132, Unclassified.

C.R.

/S

The role of the microflora and cultivated plants in increasing the availability of soil nutrients. J. L. Kandula,  
Dobroly Visevius. *Ordina Lettina Ahd. Selsk. Akad. Nauk*  
*im. V. I. Lenina* 15, No. 7, 21 A(1950). — It is shown that available K and P are, as a rule, higher in the rhizosphere than away from it. The increase varies with the type of crop. The increase in nitrate is not as apparent as with K and P. The no. of bacteria and fungi has been found to be higher in the rhizosphere. The plants tested were: brome grass, rye grass, fescue, orchard grass, timothy, meadow grass (poa), quack grass, white clover, red clover, alfalfa, esparcette, sweet clover, rye, barley, wheat, oats, and combinations of the grasses. J. B. Joffe

KANIVETS, I. I., kandidat sel'skokhozyaystvennykh nauk; NIKITYUK, M. I.;  
FRANK, D., redaktor; MANDEL'BAUM, M., tekhnicheskiy redaktor

[Soil zones of Moldavia and their agricultural characteristics]  
Pochvennye raiony Moldavskoi SSR i ikh sel'skokhozyaystvennyye  
osobennosti. Kishinev, Gos. izd-vo Moldavii, 1955. 207 p.  
(Moldavia--Soils) (MLRA 10:2)

KANIVETS, I.I.

GEYDEMAN, T.S.; KAMANIN, L.G.; KANIVETS, I.I.; OBEDIEVTOVA, G.V.

Natural features of the Kodry Hills. Trudy Inst.geog. no.64:69-104  
'55. (MLRA 8:11)

(Kodry Hills--Physical geography)

KANIVETS, I.I.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520410013

USSR/Cultivated Plants - Fruits. Berries.

L-6

Abs Jour : Ref Zhur - Biologiya, No 16, 25 Aug 1957, 69348

Author : Kanivets, I.I.

Inst :

Title : System of Soil Care in Fruitbearing Orchards.

Orig Pub : Sad i ogorod, 1956, No 9, 33-37

Abst : Experiments from 1949 to 1951 established that in fruit-bearing Moldavian SSR orchards which were planted according to plans, it was necessary from the very first years to plow them to a full depth (20-25 cm). Where the orchards are not planted according to plans and the root system is not located deeply enough, it is imperative to guard it carefully, especially in humus layers. The plowing should be conducted in strict relation to the depth of the basic root system mass, namely: in strips between tree trunks to a depth of 8 to 12 cm; between rows no deeper than 15 to 18 cm. Especially harmful is deep

Country : USSR  
Category : Soil Science. General Problems.  
Abs. Jour. : Ref Zhur-Biologiya, No. 12, 1958, No. 53334  
Author : Dikusar, I.; Kanivets, I.; Piskarev, A.  
Institut. : The Soil Institute of the Moldavian Affiliate \*  
Title : A Contribution to the Problem of Increasing  
Soil Fertility  
Orig. Pub. : Zemledeliye i zhivotnovodstvo Moldavii, 1957,  
No. 8, 11-14  
Abstract : The results are reported of field experiments and  
laboratory research made at the Soil Institute of  
the Moldavian Affiliate of the Academy of Sciences  
USSR. Control of the level and qualitative as-  
pects of fertility in cultivated soil is recom-  
mended through the application of diverse fertil-  
izers. Thus the simultaneous placement of manure  
and phosphate fertilizers (at 40 tons of manure  
and one ton of superphosphate, applied under the

\*of the Academy of Sciences USSR

Card: 1/2

Country :  
Category :

J

Abs. Jour. : Ref Zhur-Biologiya, No. 12, 1958, No. 53334

Author :  
Institut. :  
Title :

Orig. Tib. :

Abstract : crop during planting) was most effective for the  
orchards and vineyards in Strashenskiy Rayon. --  
G.V. Larin

Card: 2/2

KANIVETS, I.I.

[An album on the role of soils in horticulture (on the arrangement of fruit plantations, preparation and care of soils in commercial orchards)] Al'bom; rol' pochv v sadovodstve (o razmeshchenii plodovykh nasazhdenii, podgotovke i ukhode za pochvoi v promyshlennykh sadakh). Kishinev, Gosizdat Moldavii, 1958. 1 v. (unpaged)  
(MIRA 15:6)

(Moldavia—Fruit culture)

KANIVETS, Il'ya Iosifovich; FITOVA, L., red.; KURMAYEVA, T., tekhn.red.

[Selecting the location and preparing the soil for an orchard]  
Vybor uchastka i podgotovka pochvy pod plodovyj sad. Kishinev,  
Gos.izd-vo "Kartia moldovenijske," 1961. 29 p.  
(MIRA 14:6)

(Fruit culture)

KANIVETS, I.I., otv. red.; DIKUSAR, I.G., red.; KRUPENIKOV, I.A., red.;  
KHARITONINA, A.A., red.; LEDVICH, M.M., tekhn. red.

[Effectiveness of fertilizers in Moldavia] Effektivnost' udob-  
renii v usloviakh Moldavii. Kishinev, Izd-vo "Shtintsa,"  
1961. 123 p.  
(MIRA 16:2)

1. Moldavskiy nauchno-issledovatel'skiy institut pochvovedeniya  
i agrokhimii imeni N.A.Dimo.  
(Moldavia--Fertilizers and manures)

KANIVETS, Il'ya Iosifovich

[Soil conditions and the growth of apple trees] Poch-  
vennye usloviia i rast jabloni. Kishinev, Gos.izd-vo  
Moldavii, 1958. 495 p. (MIRA 16:4)  
(Apple) (Soils)

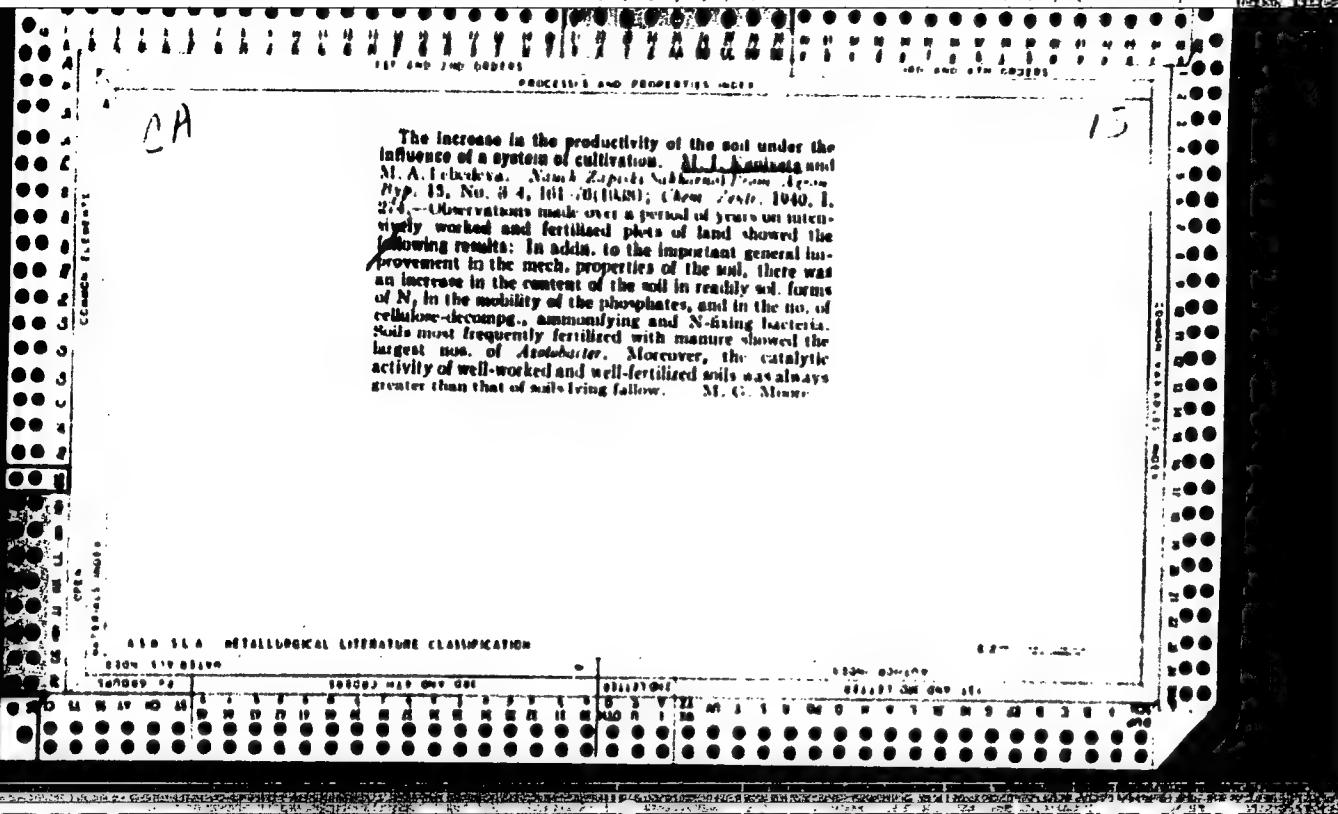
YEGOROVA, Tat'yana Mikhaylovna; KANIVETS, M.A., retsenzent; RIZHYNKH,  
I.I., starshego prepod., retsenzent; STEPANOV, S.P., assistent,  
retsenzent; GENDEL'MAN, M.A., prof., retsenzent; GENDEL'MAN,  
A.M., kand. ekon. nauk, retsenzent; KUROPATENKO, F.K., prof.,  
retsenzent; KONTOROVICH, I.A., starshiy prep., retsenzent;  
YEROFEYENKO, A.G., assisten, retsenzent; DAVYDOV, G.P., red.;  
SHAMAROVA, T.A., red. izd-va; SUNGUROV, V.S., tekhn. red.

[Topographical drawing] Topograficheskoe cherchenie. Moskva,  
Geodezizdat, 1961. 158 p. (MIRA 15:8)

1. Zaveduyushchiy kafedroy geodezii Omskogo sel'skokhozyay-  
stvennogo instituta (for Kanivets). 2. Zaveduyushchik kafedroy  
zamleustroystva TSelinogradskogo sel'skokhozyaystvennogo insti-  
tuta (for Gendel'man, M.A.). 3. Zaveduyushchii kafedroy zemle-  
projektirovaniya i planirovki sel'skikh zaseleennykh most i e-  
lorusskoy sel'skokhozyaystvennoy akademii (for Kuropatenko).  
(Topographical drawing)

GAN'SHIN, Vladimir Nikolayevich, prof.; LYBEDEV, Sergey Mikhaylovich,  
prof.; KRENOV, Leonid Sergeyevich, prof.; ZUBRITSKIY, I.V.,  
prof., retsenzent [deceased]; KANIVETS, M.A., dots.,  
retsenzent

[Laboratory manual on surveying] Fraktikum po geodezii. Mo-  
skva, Nedra, 1964. 414 p. (MIRA 17:9)



*11/21/87 73, u.F.*  
KANIVETS, N.P. (Shchigry, Kurskaya oblast')

Main wealth of a machine-tractor station. Zdorov's 4 no. 3:12-13  
Mr '58. (MIRA 11:3)

1. Glavnnyy agronom Okhochevskoy mashinno-traktornoy stantsii  
(MACHINE-TRACTOR STATIONS--HYGIENIC ASPECTS)

KANIVETS, S., jurist; SHATOVA, M., jurist

Interpretation does not make things clear. Izobr.i rats.  
6:30 Je '62. (MIRA 15:6)

1. Tsentral'nyy sovet Vsesoyuznogo obshchestva izobretateley  
i ratsionalizatorov.  
(Technological innovations)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520410013-5

KANIVETS, S.V.

History of ancient metallurgical production in the Northern Urals.  
Izv. Komi fil. Geog. ob-va SSSR no.9:108-111 '64.

(MIRA 18:5)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520410013-5"

KANIVETS, Vl.; POLYANSKIY, Yu.I., prof.

Aleksandr Ul'ianov. Nauka i zhizn' 28 no.11:72-79 N '61.  
(MIRA 14:12)  
(Ul'ianov, Aleksandr Il'ich, 1866-1887)

EX-63

GUSLITSER, B.I.; KANIVETS, V.I.

First paleolithic site in the Pechora Valley portion of the Urals.  
Biul.Kom.chetv.per. no.27:21-27 '62. (MIRA 16:4)  
(Pechora Valley—Stone age)

GUSLITSER, B.I.; KANIVETS, V.I.

Caves of the Pechora territory as a source for studying the  
Quaternary. Inv.Komi fil.Geog.ob-va SSSR no 7:45-59 '62.  
(MIRA 15:12)

(Pechora Valley—Caves)  
(Pechora Valley—Geology, Stratigraphic)

GUSLITSER, Boris Isaakovich; KANIVETS, Vyacheslav Il'ich;  
BADER, O.N., otv. red.; VARSANOF'YEVA, V.A., otv. red.

[Caves in the Pechora Valley portion of the Urals]  
Peshchery Pechorskogo Urala. Moskva, Nauka, 1965. 132 p.  
(MIRA 18:11)

L 06571-67 EEC(k)-2/EMT(1) INF(c)  
ACC NR: AP6028999

SOURCE CODE: UR/0431/66/001/002/0095/0104

AUTHOR: Avak'yants, G. M.; Kaniyazov, Sh.

35  
6

ORG: Institute of Radiophysics and Electronics (Institut radiofiziki i elektroniki)

TITLE: Theory of dynamic characteristics of long diodes ✓

SOURCE: AN ArmSSR. Izvestiya. Fizika, v. 1, no. 2, 1966, 95-104

TOPIC TAGS: semiconductor diode, forbidden band, circuit theory

ABSTRACT: The authors study the dynamic properties of a semiconductor element made in the form of a diode with double injection where the base contains impurity atoms which produce deep levels in the forbidden band. Singularities in the dynamic characteristics of this type of element are studied for the case of an alternating signal and where the diode is biased in the forward direction with a constant current resulting from constant biasing voltage. Expressions are derived for the differential impedance with a weak alternating signal and it is shown that the reactance is inductive. The properties of a circuit containing a diode in parallel with a capacitor are analyzed and the voltage and power amplification characteristics of this type of diode are discussed. Orig. art. has: 23 formulas.

SUB CODE: 09, 20/ SUBM DATE: 01Nov65/ ORIG REF: 001

me  
Card 1/1

L 06570-6 EWT(1)  
ACC NR: AP6029000

SOURCE CODE: UR/0431/66/001/002/0105/0110

51  
BAUTHOR: Avak'yants, G. M.; Kaniyazov, Sh.ORG: Institute of Radiophysics and Electronics (Institut radiofiziki i elektroniki)TITLE: Generation of electric oscillations in semiconductors during the transmission  
of direct current  
25

SOURCE: AN ArmSSR. Izvestiya. Fizika, v. 1, no. 2, 1966, 105-110

TOPIC TAGS: electromagnetic wave generation, electric theory, circuit theory, semi-  
conductor theory

ABSTRACT: The paper contains a theoretical analysis of the generation of oscillations  
in a circuit containing a long diode with impurity atoms in the base which produce  
deep levels in the forbidden band. A circuit consisting of a diode in series with a  
capacitor is considered and expressions are derived for the resonance and generation  
frequencies. It is shown that generation of electrical oscillations takes place only  
under definite conditions. The proposed method of analysis may be used to determine  
the possibilities for generation of oscillations in any circuit containing a diode.  
Orig. art. has: 24 formulas.

SUB CODE: 09/ SUBM DATE: 01Nov65/ ORIG REF: 001

rs  
Card 1/1

KANIYEV, S.

Deviation of functions biharmonic in a circle from their  
boundary values. Dokl. AN SSSR 153 no. 5:995-998 D '63.

(MIRA 17:1)

1. Dnepropetrovskiy khimiko-tehnologicheskiy institut  
im. F.E. Dzerzhinskogo. Predstavлено akademikom N.I.  
Muskhelishvili.

ACCESSION NR: AP4030387

S/0021/64/000/004/0451/0454

AUTHOR: Kaniyev, S.

TITLE: Precise evaluation of the average deviation of circularly biharmonic functions from their boundary values

SOURCE: AN UkrRSR. Dopovidi, no. 4, 1964, 451-454

TOPIC TAGS: biharmonic function, circularly biharmonic function, function deviation, boundary value

ABSTRACT: The question of the deviation in a metric of circularly biharmonic functions from their boundary values is considered. Proof is presented of the equality of the upper edge

$$\delta(W^{(2)}LM; r) = \sup_{f \in W^{(2)}LM} \|f(\varphi) - f(r, \varphi)\|_U \quad (1)$$

and the upper edge

$$\delta(W^{(2)}M; r) = \sup_{f \in W^{(2)}M} \max_{0 < \varphi < 2\pi} |f(\varphi) - f(r, \varphi)|. \quad (2)$$

Card 1/2

ACCESSION NR: AP4030387

The exact value of the latter has already been determined by the writer  
(DAN SSSR, 153, 995, 1963).

ASSOCIATION: Dnipropetrovs'ky'y khimiko-tehnologichny'y insty'tut (Dnepropetrovsk  
Chemical Technology Institute)

SUBMITTED: 10Apr63 DATE ACQ: 30Apr64 ENCL: 00

SUB CODE: MA NO REF Sov: 003 OTHER: 001

Card 2/2

KAN(YEV, T)

Deviations of functions biharmonic in a circle from their boundary values. Uch. zap. Kaz. un. 124 no.6:144-147 '64.

Deviation in the mean of functions biharmonic in a circle from their boundary values. ibid.:147-157 (MIRA 16:9)

L 45382-66 EWT(d)/T IJP(c)

ACC NR: AR6016598

SOURCE CODE: UR/0044/65/000/012/B032/B032

AUTHOR: Kaniyev, S.

25

B

TITLE: Local deviations of functions biharmonic in the circle from their boundary values

SOURCE: Ref. zh. Matematika, Abs. 12B146

REF SOURCE: Uch. zap. Kazansk. un-t, v. 124, no. 6, 1964, 144-147

TOPIC TAGS: boundary value problem, approximation

ABSTRACT: The author considers the function

$$f(r, \varphi) = \frac{(1-r^2)^2}{2\pi} \int_0^{2\pi} f(\theta) \cdot \frac{1-r \cos(\theta-\varphi)}{|(1-2r \cos(\theta-\varphi)+r^2)|^2} d\theta.$$

biharmonic in the unit circle, whose boundary values are the values of the function  $f(\theta) \in L(0, 2\pi)$ , with normal derivative on the boundary equal to zero, and he estimates the difference

$$\Delta(r, \varphi) = f(r, \varphi) - f(\varphi) = \frac{(1-r^2)^2}{2\pi} \times \int_0^{2\pi} w_r(t) \cdot \frac{1-r \cos t}{|(1-2r \cos t+r^2)|^2} dt,$$

where

$$w_r(t) = f(\varphi+t) - 2f(\varphi) + f(\varphi-t).$$

Under the assumption that the function  $f(\theta)$  is continuous on the interval  $[0, 2\pi]$ ,

Card 1/2

UDC: 517.53:517.947.42

L 45382-66

ACC NR: AR6016598

the problem was solved earlier by the author (RZhMat, 1964, 5B162). Here local analogs of these results are investigated. The author finds several estimates for  $\Delta(\varphi, r)$ , imposing a restriction on the behavior of the function  $f(\theta)$  at one point and in an infinitely small neighborhood of it, and he finds one estimate under the assumption of continuity of the function  $f(\theta)$  on the interval  $[\alpha, \beta] \in [0, 2\pi]$ . It is noted that these estimates (Theorems 1-4) are analogous to the corresponding results of Ya. L. Geronimus for harmonic functions. In conclusion the following is established: Theorem 5. If the point  $\varphi$  is such that for any  $\lambda > 0$  and  $0 \leq \delta \leq \pi$  the relation

$$w_\varphi(\lambda\delta) < (\lambda + 1)^2 w_\varphi(\delta)$$

is satisfied, then for all  $0 \leq r < 1$  we have the estimate

$$|\Delta(r, \varphi)| < Cw_\varphi(1-r),$$

where  $C$  is an absolute constant. V. Petrov (Translation of abstract)

SUB CODE: 12

Card 2/2 AUNIV

L 45383-66 EWT(d)/T IJP(c)  
 ACC NR: AR6016599

SOURCE CODE: UR/0044/65/000/012/B032/B032

25  
B

AUTHOR: Kaniyev, S.

TITLE: Deviation in mean of functions which are biharmonic in the circle from their boundary values

SOURCE: Ref. zh. Matematika, Abs. 12B147

REF SOURCE: Uch. zap. Kazanek. un-t, v. 124, no. 6, 1964, 148-157

TOPIC TAGS: boundary value problem, approximation

ABSTRACT: The following is proved: Theorem 1. For any function  $f(r, \varphi)$  which is biharmonic in the unit circle and satisfies the conditions  $\frac{\partial f(r, \varphi)}{\partial r} \Big|_{r=1} = 0$  and  $f(r, \varphi) \Big|_{r=1} = f(\varphi)$ , on the boundary, where the function  $f(\varphi)$  belongs to the class  $L_q(0, 2\pi)$ ,  $1 \leq q < \infty$ , the inequality  $\|f(r, \varphi) - f(\varphi)\|_L < C\omega_2(1-r)L_q$  holds for all  $0 \leq r < 1$ , where  $C$  is some absolute constant and  $\omega_2(t)_{L_q}$  is the modulus of smoothness of the function  $f(\varphi)$  in the metric of  $L_q$ . It is established that the deviation of the biharmonic functions of Theorem 1 from the boundary values as  $r \rightarrow 1$  cannot have order better than  $(1-r)^2$ . The author determines the structure of the

UDC: 517.53:517.947.42

Card 1/2

L 42202-00

ACC NR: AR6016599

O  
class of those boundary functions for which the deviation as  $r \rightarrow 1$  has the best order  $(1-r)^2$ . For functions which, besides the conditions of Theorem 1, also satisfy the condition

$$\frac{\partial^{i-1} f(r, \varphi)}{\partial r^{i-1}} \in L_q(0, 2\pi), i=1, 2, \dots.$$

he proves the inequality

$$\left\| \frac{\partial^{i-1} f(r, \varphi)}{\partial r^{i-1}} \right\|_{L_q} < C \cdot r^{\frac{i(1-r)}{q-1}}.$$

(C is an absolute constant), which holds for all r. V. Petrov (Translation of abstract)

SUB CODE: 12

Card 2/2 AUMW

KHLEBOV, Gavriil Avksent'yevich, nauchn. sotr.; ZINCHENKO, Yevgeniy Iosifovich; KANIYEV, Z.Sh., red.; NAGIBIN, P., tekhn.red.

[Monetary wages on the "Trudovoi pakhar'" Collective Farm]  
Denezhnaia oplata v kolkhoze "Trudovoi pakhar'." Alma-Ata,  
Kazsel'khozgiz, 1962. 46 p. (MIRA 16:12)

1. Institut ekonomiki i organizatsii sel'skogo khozyaystva  
Kazakhskoy SSR (for Khlebov). 2. Predsedatel' kolkhoza  
"Trudovoy pakhar'" Sverdlovskogo rayona Dzhambul'skoy oblasti  
(for Zinchenko).

(Collective farms—Income distribution)

KANIZASI, Dezső, kandidátor (Budapest, VII., Bethlen Gábor ter 2)

Marxist dialectics as a method in logopedics. Magy pszichol  
szemle 17 no.2:184-193 '60.

1. Gyogypedagogiai Tanárképző Főiskola logopédiai tanszekenek  
vezetője.

KANLIGAI, Dezső  
SURNAME, Given Names

Country: Hungary

Academic Degrees: Dr,

Professor and head (vezeto tanar) of the Chair of Logopedics (Logopédiai  
Affiliation: Tanszék) at the College for Teachers of Retarded Children (Gyogypedagogiai  
Tanárképző Főiskola)

Source: Budapest, Magyar Pszichológiai Szemle, Vol XVIII, No 2, 1961, pp 163-172

Data: "Psycho-Logopedics in the Therapy of Aphasy"

(1)

070 7014

KANIZSAI, Dezső, dr., kandidátus

Psychologopedics of the therapy of aphasias. Magy psichológiai szemle  
18 no.2:163-172 '61.

1. Gyogypedagogiai Tanárképző Főiskola logopédiai tanszekenek  
vezető tanara.

KANIZSAI, Dezso, dr.

Effect of cleft palate on phonation. Orv. hetil. 105 no.32:  
1489-1493 9 Ag '64.

NIKODEMUSZ, I.; KANIZSAI, L.; SELLEI, E.

A new method for the demonstration of enterotoxin production  
by staphylococci. Acta med. acad. sci. Hung. 19 no.3:209-215  
'63.

1. National Institute of Nutrition, Budapest, and the Pecs-  
Baranya county Public Health-Epidemiological Station, Pecs.

\*

RAUSS, Karoly, dr.; KANIZSAI, Laszlo, dr.

Studies on the practical value of Vi hemagglutination. Orv. hetil.  
95 no.52: 1417-1420 26 Dec 54.

1. A Pecsi Orvostudomanyi Egyetem Mikrobiologiai Intezetenek  
(igazgato: Rauss, Karoly dr. egyet. tanar) es az ORMI Pecsi  
Allomasanak (allomasvezeto: Kanizsai Laszlo dr.) koslemenye.

(HEMAGGLUTINATION

Vi antigen hemagglut.)

(ANTIGENS AND ANTIBODIES

Vi antigen hemagglut.)

## HUNGARY

KANIZSAI MAGY, Ida, Mrs. V., VIDA, Laszlo; National Institute of Public Health (Orszagos Kozegeszsegugyi Intezet), Chemical Department (Kemiasi Osztaly), Budapest.

"The Determination of 2-Phenylquinoline-4-carboxylic Acid with Perchloric Acid. Separation of 2-Phenylquinoline-4-carboxylic Acid, Acetyl Salicylic Acid and Magnesium Oxide."

Budapest, Acta Pharmaceutica Hungarica, Vol 33, No 2, Apr 63, pp 51-56.

Abstract: [Authors' German summary] Atophan (2-phenylquinoline-4-carboxylic acid) may be determined in non-aqueous solution (in absolute acetic acid) with a mixed indicator consisting of gentian violet and dimethyl yellow (8:20). Atophan, acetyl salicylic acid and magnesium oxide may be separated from a powder mixture through so-called reverse extraction. After suitable preparation, the magnesium oxide is titrated with Complexon III directly; the interfering color of Atophan was eliminated by the use of a new mixed indicator. Of 8 references, 5 are Hungarian, the rest is Western.

1/1

~~"BOSNIA, "Kemijski Inovatori", 1963, No. 15, p. 25  
(Budapest); CSEKE, Janos (Hodmezovasarhely), Szabad, Mihaly  
(Debrecen)~~

Forum of innovators. Ujít lap 15 no.6:30-31 25 Mr '63.

KONECNI, Josip; STANOJEVIC, Branislav; KANJUH, Vladimir

A case of Chiari's syndrome. Srpski arh. celok. lek. 89 no.2:231-237  
F '61.

1. Interna klinika A Medicinskog fakulteta Univerziteta u Beogradu.  
Upravnik: prof. dr Branislav Stanojevic. Institut za patolosku  
anatomiju Medicinskog fakulteta Univerziteta u Beogradu. Upravnik:  
prof. dr Zivojin Ignjacev. 2. Clan Uredivackog odbora, "Srpski arhiv  
za celokupno lekarstvo" (for Konecni).

(HEPATIC VEINS dis) (PHLEBITIS case reports)

RUVIDIC, R.; ROLOVIC, Z.; PENDIC, S.; KANJUH, V.

A contribution to the study of the erythropoietic insufficiency and bone marrow aplasia during malignant neoplasms; on a case of generalized cancer of the breast with haemolytic anaemia and bone marrow aplasia. Acta med. jugosl. 15 no.3:241-250 '61.

1. Medical Clinic "B" Medical Faculty, University of Belgrade, Central Laboratory for Radioactive Isotopes Application, Serbian Academy of Sciences, Belgrade and Institute of Pathology, Medical Faculty, University of Belgrade.

(BREAST NEOPLASMS compl) (ANEMIA HEMOLYTIC etiol)  
(ANEMIA APLASTIC etiol)

PETROVIC, LJ; BOZINOVIC LJ; KANJUN, V.

Cor triatriatum. Acta med.iugosl. 14 no.3:327-339 '60.

1. Pedijatrica klinika, Interna klinika "B" i Patoloski institut  
Medicinskog fakulteta u Beogradu.  
(HEART DEFECTS CONGENITAL case reports)

PHOCLOVIA

M. LEPESAVIC and V. KANJUR, Department of Pathological Anatomy of  
Medical Faculty (Institut za patološku anatomiju Medicinskih fakulteta)  
Belgrade.

"Pathogenesis of French-Arterial Mortula Due to Spread of Non-Hodgkin's  
Bronchial Carcinoma into Pulmonary Artery Branch."

Belgrade, Acta Medica Jugoslavica, Vol. 16, No. 1, 1962; pp. 111-116.

Abstract [French article]: Case in man aged 61; hemoptysis and sudden  
death, thought at first to be due to (butterfly?) mortal perforation into  
trachea; found at necropsy to be due to massive perforation of highly  
malignant bronchial carcinoma into branch of pulmonary artery. Two  
photographs of necropsy specimen; 2 photomicrographs; 1 Yugoslav and  
1 Western references.

LEPOSAVIC, M.; KANJUH, V.

Contribution to the pathogenesis of broncho-arterial fistula due  
to the penetration of non-irradiated carcinoma of the bronchus into  
a branch of the pulmonary artery. Acta med. jugosl. 16 no.1:111-119  
'62.

1. L'institut d'anatomie pathologique de la Faculte de medecine de  
l'Universite de Belgrade.

(BRONCHIAL NEOPLASMS) (BRONCHIAL FISTULA)  
(PULMONARY ARTERY) (FISTULA)

S

KANKA, A.

The role of leading branch worksites. Strojirenstvi 14 no.12:881-882  
D '64.

1. Research Institute of Machine Tools and Machining, Prague.

KANKA, A.

"Precision of Metalworking Machinery." p. 16 (Strojirenstvi, Vol. 3, no. 1, Jan. 1953,  
Praha)

SO: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress,  
Feb. 1954, Uncl.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520410013-5

KANKA, A.

"Mechanization and Automatic Control of Machine Tools." p. 144,  
(MECHANISACE, Vol. 2, No. 4, Apr. 1953, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4  
No. 5, May 1955, Uncl.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520410013-5"

KANKA, A.

KANKA, A. Machine tools, II. Exhibition of the Czechoslovak machinery industry. p. 318. Vol 4, no 8, Aug. 1956 STROJIRENSKA VYROBA Praha, Czechoslovakia

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

KANKA, A.

Machine tools at the 3d Exhibition of Czechoslovak Engineering.

P. 3381 (Strojirenka Vyroba. Vol. 5, no. 8, Aug. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,  
February 1958

KANKA, A.

"The 5th European exhibition of machine tools at Hannover in 1957."

p. 551 (Strojirenska Vyroba) Vol. 5, no. 12, Dec. 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

KANKA, A.

"Czechoslovak machine tools at the Brussels World Exhibition."

p. 24 (Czechoslovak Heavy Industry [Special issue] 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (KEAI) LC, Vol. 7, no. 9,  
September 1958

KANKA, A.

Long-term trends of machine tool development. Strojirenstvi 13  
no.10;721-722 O '63.

1. Reditel Vyzkumneho ustavu obrabecich stroju a obrabeni,  
Praha.

KANKA, A.

Development of machine tool and forming machine production.  
Strojirenstvi 13 no.9:641-642 S '63.

1. Reditel, Vyskumny ustav obrabecich stroju a obrabeni, Praha.

MALIK, Leopold; KANKA, Alois

International Exhibition of Machine Tools in Tokyo, November  
1964. Stroj vyr 13 no.4:302-304 Ap '65.

1. Manager of the Tovarna na obrabaci stroje a naradi (for  
Malik). 2. Director of the Research Institute of Machine  
Tools and Machining, Prague-Zabehlice (for Kanka).

KANKA, Jerzy, inz.

Plastics used for the construction of locomotive bodies in  
Czechoslovakia. Przegl techn 84 no.51:6 22 D'63.

SEBEK, T.; SKODA, Vl.; KANKA, J.; KUBATOVA, A.

Our experience with cervical conization. Cesk. gyn. 26[40] no.4:  
290-292 '61.

1. II. gym. por. klinika MU v Praze, prednosta prof. MUDr. J. Lukas,  
Dr. Sc.

(CERVIX UTERI surg)

KANKA, Jiri, Dr.; SKODA, Vladimir, Dr.

Importance of early hospitalization for mastitis during lactation; comments on practice. Cesk.gyn. 22[36] no.4: 320-324 May 57.

l. II. por. gyn. klinika KU v Praze, prednosta doktor lekarskych ved prof. Dr. Josef Lukas.

(MASTITIS, ther.

puerperal, importance of early hosp. (Cs))

(PUMPERIUM, compl.

mastitis, ther., importance of early hosp. (Cs))

CERNY, Ludek; KANKA, Jiri; MACKU, Frantisek

Use of psychopharmacology in preoperative preparation and postoperative care in gynecology. Cesk. gynek. 27 no.1/2:129-132 Mr '62.

l. II gyn.-por. klin. KU v Praze, predn. prof. MUDr. J. Lukas, DrSc  
Detska psychiat. lec. Dolni Pocernice, predn. MUDr. L. Cerny.

(GYNECOLOGY surg) (MEPROBAMATE ther)  
(PHENMETRAZINE ther) (PARASYMPATHOLYTICS ther)

STASTNA, J.; KANKA, J.; CEE, K.; SCHON, E.

The level of staphylococcal  $\alpha$ -antitoxin and antileukocidin in lactation mastitis. Cas. lek. cesk. 101 no.26:822-826 29 Je '62.

1. Mikrobiologicke oddeleni fakulty detskeho lekarstvi KU v Praze, prednosta prof. dr. V. Kubelka — II. gynekologicko-porodnicka klinika KU v Praze, prednosta prof. dr. J. Lukas — Katedra mikrobiologie fakulty vseobecneho lekarstvu KU v Praze, prednosta prof. dr. F. Patocka.

(PUERPERIUM blood) (MASTITIS immunol)  
(STAPHYLOCOCCAL INFECTIONS immunol)

KANKA, J.; SCHON, E.; STASTNA, J.; CEE, K.

On the etiology of lactation mastitis. Cesk. gyn. 27 [41] no.6/7:  
494-501 Ag '62.

1. II. gyn.-par. klin. fak. vseob. lek. KU v Praze, predn. prof. dr.  
J. Lukas, DrSc. Katedra mikrobiol. a epidemiol., vedouci prof. dr.  
Fr. Patocka, DrSc. Mikrobiol. odd. fak. det. lek. KU v Praze.

(MASTITIS) (STAPHYLOCOCCAL INFECTIONS)  
(PUERPERAL INFECTION)

STASTNA, J.; KANKA, J.; CEE, K.; SCHON, E.

The level of staphylococcal  $\alpha$ -antitoxin and antileukocidin in lactation mastitis. Cas. lek. cesk. 101 no.26:822-826 29 Je '62.

1. Mikrobiologicke oddeleni fakulty detskeho lekarstvi KU v Praze, prednosta prof. dr. V. Kubelka -- II. gynakologicko-porodnicka klinika KU v Praze, prednosta prof. dr. J. Lukas -- Katedra mikrobiologie fakulty vseobecneho lekarstvu KU v Praze, prednosta prof. dr. F. Patocka.

(PUERPERIUM blood) (MASTITIS immunol)  
(STAPHYLOCOCCAL INFECTIONS immunol)

KANKA, J.; SCHON, E.; CEE, K.

Attempt at clinical classification of lactation mastitis.  
Cesk. gynek. 28 no.9:627-632 N°63.

1. II gyn. - por. klinika fak. všeob. lek. KU v Praze  
(prednosta prof.dr. J.Ianek, DrSc.) ; Katedra mikrobiologie  
a epidemiologie fak. všeob. lek. KU v Praze (vedoucí prof.  
dr. Fr.Patocka, DrSc.).

KANKA, J.; SCHON, E.; CEE, K.

Contribution to the therapy of lactation mastitis. Cesk. gynek.  
28 no.10:649-654 D'63.

1. II. gyn. - por. klin. fak. vseob. lek. KU v Praze (prednosta  
prof. dr. J. Lukas, DrSc); Katedra mikrobiol. a epidemiol. fak.  
vseob. lek. KU v Praze (ved. prof. M. Patocka, DrSc.).

\*

LUKAS, J., prof. dr., DrSc.; (Praha 2, Apolinarska 18); KANKA, J.;  
MISINGER, I.; DVORAK, Z.; ANDRASOVA, V.

The assistance of a clinical laboratory in screening of  
cervical carcinoma. Česk. gynek. 30 no.4:256-260 My'65.

1. II. gyn. por. klinika fakulty všeobecného lekars'í,  
Karlov University v Praze (prednosta: prof. dr. J. Lukas,  
DrSc.).

SKODA, V.; LORENC, E.; MISINGER, I.; TRNKA, V.; ZIKMUND, J.; KANKA, J.

Our experience with conization of the cervix uteri. Cas. lek.  
cesk. 104 no. 3:79-83 22 Ja '65

I. II. gynecologicko-porodnicka klinika fakulty vseobecneho  
lekarstvi Karlovy University v Praze (prednosta prof. J. Lukas,  
DrSc.).

KANKA, J.; MACKU, F.; MARIKOVA, L.; REISENAUER, R.

Serum mucoprotein levels in gynecological surgery. Sborn. lek.  
67 no.11:346-351 N ' 65.

1. 11. ~~makroloicko-endokrinika klinika Českého všeobecného~~  
~~lekárství Univerzity Karlovy v Praze (prednosta - prof. dr.~~  
J. Lukas, DrSc.) a Výskumný ústav endokrinologicky (ředitel - doc.  
dr. K. Silink, DrSc.).

KANKA, Z.

The Wechsler-Bellevue diagnostic method. Cesk. psychiat. 58 no.2:  
122-124 Ap '62.

1. Psychiatricka lecuba v Praze 8.

(INTELLIGENCE TESTS)

CZECHOSLOVAKIA

KANKA, Z., Mental Hospital (Psychiatricka lasebna), Prague 3.

"Diagnosis of Neurasthenic Syndrome in Arteriosclerosis"

Prague, Ceskoslovenska Psychiatrie, Vol LIX, No 3, June 63, pp 167-175.

Abstract [Author's English summary, modified]: Performances of a group of patients diagnosed as a neurasthenic syndrome in arteriosclerosis and of another group diagnosed as neurasthenia were investigated by means of the Wechsler-Bellevue test and other standard methods. Scores attained by the arteriosclerotics were lower in all tests. Significant differences were found in the performance part of the Wechsler test. Assumed differences in intelligence between the two pathological conditions were confirmed. The test proved to be useful in the differential diagnosis between the two conditions. Other methods confirmed a similar decline in performance, but differences were not as significant. It is expected that further verification, perfection and development of psychological methods will yield such results as to become more effective in the differential diagnosis of mental disorders in the preonile period of life. Seventeen references, including 7 Czech and 2 Russian.

1/1

NEUMANN, J.; KANKA, Z.

On the problem of diagnostic test batteries. Cesk. Psychiat.  
59 no.4:262-265 Ag '63.

1. Psychiatricka lucebna v Hornich Berkovicich Psychiatricka  
lucelbna v Praze 8.  
(PSYCHOLOGICAL TESTS)

Microchemical determination of rubidium in the presence and absence of cesium. N. A. Tananyan, A. G. Kalbanyan and M. V. Darinyan. *J. Applied Chem.* (U.S.S.R.) 6, 980 (1953). - In the detn. of Rb in the presence of Cs the metals of Groups I, II, III and IV are removed first. HCl is then added to the soln. to ppt. II and the soln. is filtered. An excess of oxalic acid is added to the filtrate, followed by evapn. to dryness and heating. The residue is taken up with H<sub>2</sub>O and filtered; the filtrate is neutralized with HCl and evapd. to dryness. The chlorides of Rb and Cs (as well as of the other alkali metals and Mg) are obtained. The Cs is obtained by treatment with a soln. of KBF<sub>4</sub>, which forms with Cs a bright red ppt., which is filtered off. The excess of KBF<sub>4</sub> interferes with the subsequent analysis because of the formation of a dark brown amorphous ppt. of AuBF<sub>4</sub>. This can be prevented by boiling the filtrate with strong HNO<sub>3</sub> and evapn. to dryness. KBF<sub>4</sub> also can be removed by adding to the soln. in which Rb is to be detd. an excess of the AuBF<sub>4</sub> and heating. This causes all the Rb to go into soln., while KBF<sub>4</sub> remains as a ppt., which is then filtered off while hot, or a drop of the soln. is siphoned from the mist, and examnd. under the microscope. The shape of the crystals will disclose the presence or absence of Rb. In the Rb detn. without the removal of Cs, the metals of Groups I, II, III and IV are removed, the filtrate is treated with HCl and to the soln. of the chlorides of Rb and Cs is added a 10% soln. of AuBF<sub>4</sub>, followed by heating (for the evapn. of Rb) to 50%; a drop is then taken from the hot soln. which is left to crystallize under the microscope. Large octangular crystals indicate the presence of Rb. A. A. Buchinsk

KANKANYAN, A.G.

Decomposition of magnesium-bismuth alloys by water. Report 1.  
Izv. Akad. Nauk SSSR, Ser. Nauki no. 4; 25-29 '47. (MLRA 9:8)

1. Khimicheskiy institut Akademii nauk Armyskoy SSSR.  
(Magnesium-bismuth alloys)

KANAKANYAN, A.G.

Decomposition of magnesium-lead alloys by water. Report 3.  
[with summary in English]. Izv.AN Arm.SSR.Zst.nauki no.4:31-36  
'47. (MLRA 9:8)

1. Khimicheskiy institut Akademii nauk Arzjanskoy SSR.  
(Magnesium-lead alloys)

KANKANYAN, A.G.

Decomposition of magnesium-tin alloys by water. Report 1. [with  
summary in English]. Izv. Akad. Nauk. SSSR, Ser. khim. no. 4; 37-42 '47.  
(KEMA 9:8)

1. Yerevanskii gosudarstvennyy universitet imeni V.N. Meletova,  
Laboratoriya neorganicheskoy khimii.  
(Magnesium-Tin alloys)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520410013-5

MANVELYAN, M.G.; GALPAYAN, G.T.; KAMKANYAN, A.G.

Study of refractory materials used for the inner lining of chlo-  
rination furnaces [with summary in English]. Izv.AN Arm.SSR.Zsh.  
nauki no.4:53-57 '47. (MLRA 9:8)  
(Refractory materials)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520410013-5"

KANKANYAN, A. G.

Kankanyan, A. G. - "Decomposition of magnesium-lead alloy by water," Report 4,  
Izvestiya (Akad. Nauk Arm. SSR), Fiz. matem., yestestv. i  
tekhn. nauki, 1948, No. 3, p. 195-200 --- Summary in Armenian ---  
Bibliog: 5 items

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)